

For a Free Quote:

Web: EnergyPal.com/solar

Call: 1-800-990-3725

Email: contact@energypal.com

EnergyPal

Solar Panel Guide Specification Data Sheet

Jetion Solar (China) Co., Ltd.

JT PAg 300-350W

JT 340PAg

Also available on the web at
EnergyPal.com/jetion-solar-china-co-ltd-solar-panels/jt-340pag



JT PAg

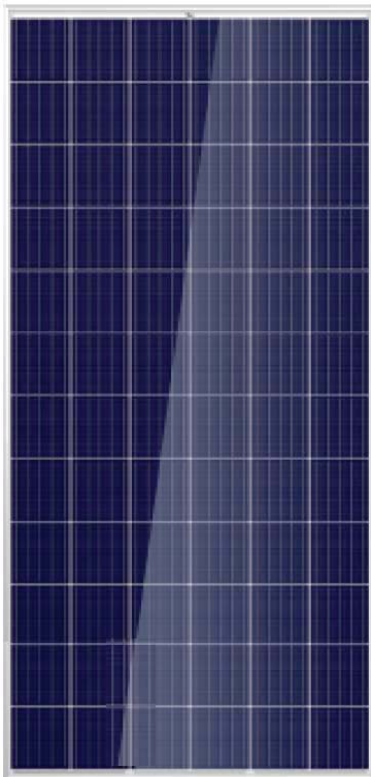
Multi-crystalline 156x156 Module

72 cells
Multi-crystalline Module

18.0%
Max Efficiency

300-350W
Output Power

0~+5W
Power Tolerance



Key Features



High conversion efficiency

High module conversion efficiency, through innovative manufacturing technology.



Low-light Performance

Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Severe Weather Resilience

Certified to withstand : wind load (2400 Pascal) and snow load (5400 Pascal).



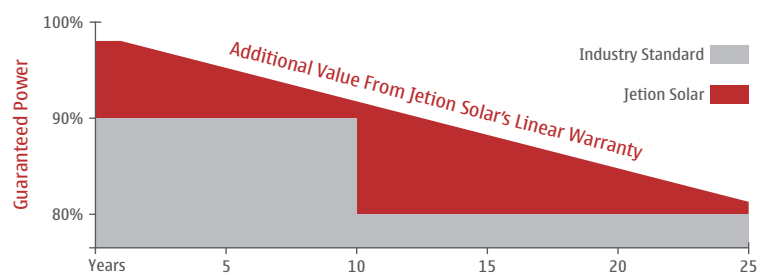
Durability against extreme environmental conditions

High salt mist and PID certified by TUV SUD(Optional).



Linear Performance Warranty

10 Year Product Warranty / 25 Year Linear Power Warranty



All specified Parameters are at STC 25 °C Ambient, 1000W/m² irradiance and AM1.5

STC Electrical Characteristics

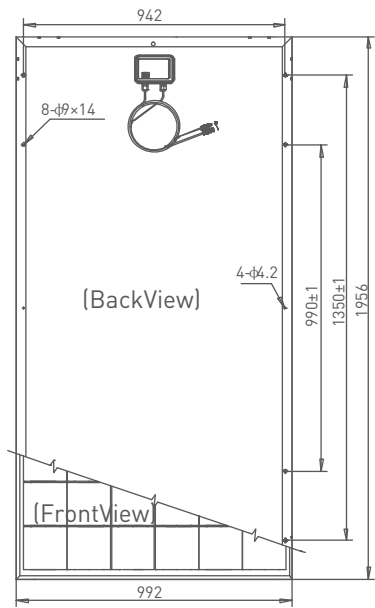
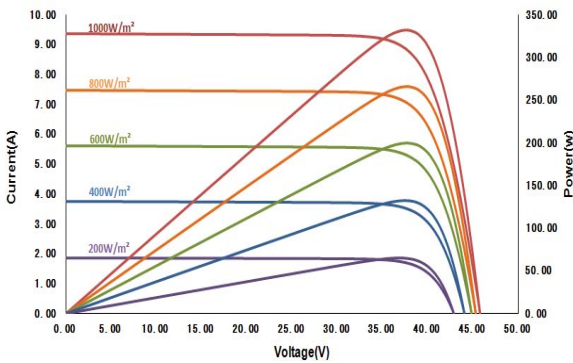
Tape		JT305PAg	JT310PAg	JT315PAg	JT320PAg	JT325PAg	JT330PAg	JT335PAg	JT340PAg	JT345PAg	JT350PAg
Module Power Range	(W)	305≤Pm<310	310≤Pm<315	315≤Pm<320	320≤Pm<325	325≤Pm<330	330≤Pm<335	335≤Pm<340	340≤Pm<345	345≤Pm<350	350≤Pm
Max-Power	Pm(W)	305	310	315	320	325	330	335	340	345	350
Max-Power Voltage	Vm(V)	36.5	36.6	36.7	36.9	37.1	37.3	37.5	37.7	37.9	38.2
Max-Power Current	Im(A)	8.40	8.51	8.63	8.72	8.81	8.89	8.97	9.06	9.13	9.19
Open-Circuit Voltage	Voc(V)	45.0	45.1	45.2	45.4	45.6	45.7	45.9	46.1	46.3	46.6
Short-Circuit Current	Isc(A)	8.96	9.05	9.14	9.23	9.27	9.35	9.42	9.50	9.57	9.63
Module Efficiency	(%)	15.7	16.0	16.2	16.5	16.7	17.0	17.3	17.5	17.8	18.0
Pm Temperature Coefficients	(%/°C)	-0.41									
Voc Temperature Coefficients	(%/°C)	-0.31									
Isc Temperature Coefficients	(%/°C)	0.05									

Class AAA solar simulator (IEC 60904-4), power or current measurement uncertainty is within ±3%, voltage is within ±2%.

Varied Irradiation Efficiencies

Irradiance(W/m ²)	200	400	600	800	1000
Efficiency (%)	16.7	17.1	17.3	17.4	17.3

I-V Curves at different Irradiances



NOCT JT325PAg JT330PAg

Max-Power	Pm(W)	240.8	244.4
Max-Power Voltage	Vm(V)	34.4	34.5
Max-Power Current	Im(A)	7.01	7.08
Open-Circuit Voltage	Voc(V)	42.2	42.3
Short-Circuit Current	Isc(A)	7.48	7.54
NOCT Nominal Operating Cell Temperature		45±2 °C	

NOCT: Irradiance 800W/m², ambient temperature 20 °C, AM=1.5, wind speed 1m/s.

Absolute Ratings

Dielectric Insulation Voltage		6000/8000V
Operating Temperature	(°C)	-40~+85
Max-System Voltage	(V DC)	1000/1500
Max-Series Fuse	(A)	15
Maximum load rating		5400Pa(112.78lbf/ft ²)

Mechanical Parameters

Cable type, Diameter and Length		4mm ² , TUV certified, 1000mm
Type of Connector		Compatible with MC4 plug
Number, type and arrangement of cells		72pcs, Multi-Crystalline Silicon(6×12)
Cell Size	(mm)	156.75×156.75
Dimension	(mm)	1956×992×40
Weight	(Kg)	25.5
No. of Draining Holes in Frame		16
Glass, Type and Thickness		Low Iron, High Transmission, Tempered Glass 4.0mm

Packaging Configuration

Packing Configuration		27pcs/box
Quantity/Pallet		54 pcs/pallet
Loading Capacity		648 pcs/40ft(H)

Specifications included in this datasheet are subject to change without prior notice.